

M A T E R I A L S A F E T Y D A T A S H E E T

SEAL ALL

Page: 1

PRODUCT NAME: SEAL ALL
PRODUCT CODE: 37107000

HMIS CODES: H F R P
2*3 0 H

===== SECTION 1 - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: ECLECTIC PRODUCTS, INC.
ADDRESS : 1075 ARROWSMITH
EUGENE OR 97402

EMERGENCY PHONE : (800) 535-5053
INFORMATION PHONE : (800) 767-4667
DATE REVISED : 6/20/00
DATE PRINTED : 09/26/02
NAME OF PREPARER : Regulatory
Compliance

===== SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
* Methyl Ethyl Ketone	78-93-3	78	68 DEG F 62
ACGIH TLV: TWA=200 ppm (590 mg/m3); STEL=300 ppm (885 mg/m3)			
OSHA PEL: TWA=200 ppm (590 mg/m3)			

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

DOT Classification: Adhesives, 3, UN 1133, PGII ERG #128
Limited Quantities (0.3 gallon or less): Consumer Commodity ORM-D

===== SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 175 DEG F SPECIFIC GRAVITY (H2O=1): 0.96
VAPOR DENSITY: Heavier than air. MATERIAL VOC: 4.96 lb/gal
EVAPORATION RATE: Slower than ether. SOLUBILITY IN WATER: <1%
APPEARANCE AND ODOR: Straw colored to clear liquid with strong ketone odor.

VOC calculations are based on the federal EPA definition of volatile organic compound under the Clean Air Act. State and local air quality authorities may have more stringent regulation.

===== SECTION 4 - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 25 DEG F METHOD USED: Calculated
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.0 UPPER: 11.5

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

SPECIAL FIREFIGHTING PROCEDURES

Fire fighters should wear self-contained breathing apparatus and full protective gear. Use water spray to cool nearby containers and structures exposed to fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors may travel along the ground or may be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at

locations distant from material handling points.

===== SECTION 5 - REACTIVITY DATA =====

STABILITY: Stable

CONDITIONS TO AVOID

Heat, sparks, flame or other ignition sources.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon monoxide and carbon dioxide upon burning (thermal decomposition).

HAZARDOUS POLYMERIZATION: Will not occur.

===== SECTION 6 - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Excessive inhalation of vapors can cause nasal and respiratory irritation. Prolonged or repeated exposure or breathing very high concentrations may cause headaches, dizziness, nausea, vomiting, and other central nervous system effects.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: Brief contact may dry the skin. Prolonged or repeated contact may irritate the skin, causing dermatitis. EYES: Exposure to vapors and mists or direct contact with liquid may cause moderate to severe irritation. If not removed promptly, eye injury may result.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. MEK can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Overexposure to MEK has been suggested as a cause of the following effects in laboratory animals and may aggravate pre-existing disorders of these organs in humans: Mild reversible liver effects, mild reversible kidney effects. Chronic overexposure to solvents may result in neurotoxic effects. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful. Laboratory animal studies have shown some evidence that MEK may cause harm to the fetus. The relevance of these findings to humans is not known.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None known.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep warm and quiet and get medical attention. SWALLOWED: Do not induce vomiting. This material is an aspiration hazard. Never give anything by mouth to an unconscious person. Get medical attention. SKIN: Thoroughly

wash exposed area with soap and water. EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally, get medical attention.

===== SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wear proper protective equipment. Eliminate all ignition sources. Stop spill at source. Collect liquid by pump or vacuum; transfer into clean container for recovery. Absorb unrecoverable liquid on paper, vermiculite, floor absorbent or other absorbent material and shovel into containers. If run-off occurs, notify proper authorities that a spill has occurred.

WASTE DISPOSAL METHOD

If this product in its purchased form becomes a waste material, it would be considered a hazardous waste. Dispose of in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near heat, sparks, or flames. Keep container closed. Do not store above 115 DEG F.

OTHER PRECAUTIONS

Do not get in eyes, on skin or on clothing. Do not breathe mist. Do not swallow. Do not eat, drink, or smoke in work areas. Do not cut, grind, weld or drill on or near this container.

===== SECTION 8 - CONTROL MEASURES =====

RESPIRATORY PROTECTION

I. If ventilation is inadequate to maintain atmospheric levels below the TLV wear a NIOSH approved air purifying organic cartridge respirator. II. For emergency and over exposure, use an approved positive pressure self-contained breathing apparatus. III. In confined or poorly ventilated areas, use an approved positive pressure self-contained breathing apparatus. When choosing respiratory equipment consider type of application and environmental concentrations. Take into account other materials being used concurrently.

VENTILATION

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure limits below permissible levels. Open windows and doors to allow fresh air entry during application and drying.

PROTECTIVE GLOVES

Wear neoprene or equivalent gloves for prolonged or repeated contact.

EYE PROTECTION

Safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None (unless needed to protect regular clothing).

WORK/HYGIENIC PRACTICES

Wash hands thoroughly after handling.

===== SECTION 9 - DISCLAIMER =====

To the best of our knowledge, the information provided herein is accurate, obtained from sources believed to be accurate. Since the conditions and methods of use of our product are beyond our

M A T E R I A L S A F E T Y D A T A S H E E T

SEAL ALL

Page: 4

control, we disclaim any and all liability arising out of the improper use of this product or the information provided herewith.